

## Page 1 of 1

All amounts are calculated in domestic currency.

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**Total Received Quantity:**  
**Total Qty to Inspect (PO U/M):**  
**Total Reject Quantity:**  
**Total Receipt Value:**  
**Total Balance Due Quantity:**



PACKING SLIP/  
CERTIFICATE OF CONFORMANCE


A. M. Castle & Co.

Page 1 of 2

Shipment No:3079929

<b>Ship From:</b> A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		<b>Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	<b>Ship To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	<b>Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
<b>Date Shipped</b> 20-SEP-16	<b>F.O.B.</b> ORIGIN	<b>Freight Terms</b> Prepaid	<b>Carrier</b> MANITOU LIN	<b>BOL No</b> 3079929-2

<b>Shipment Details</b>	<b>Final Destination Branch - TOR</b>
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<b>Order No</b> 4478589	<b>Line No</b> 3	<b>Item No</b> 750616.MO	<b>Description</b> 2.0000.PL.7075.T651.ALUMINUM.USI.48.5000.144.5000 CUT RECTANGLE TO 7 IN ( + .0620/- .0000 IN (GRAIN TO RUN ALONG 13.375")) X 13.375 IN ( + .0620/- .0000 IN (GRAIN TO RUN ALONG 13.375")) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12
<b>Purchase Order No</b> 33489	<b>Part Number</b>	<b>Ordered Qty</b> 12.00 PCS	<b>Invoice Qty</b> 12.00 PCS
<b>Details</b> ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS			
<b>Delivery No.</b> 120533951	<b>Mill</b>	<b>Heat Number</b>  784293A3	<b>Mech Id</b> 12
		<b>Width (IN)</b>	<b>Length (IN)</b>
			<b>Shipped Qty(LBS)</b> 231.9382

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned. These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law prohibited.

Date Printed: 20-SEP-2016 04:14:57 PM



**Castle Metals®**

A. M. Castle & Co.

PACKING SLIP/  
CERTIFICATE OF CONFORMANCE

Page 2 of 2

for credit. Reviewed by Authorized Castle Metals Representative:		Date:	Name:
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*Chris Galt*

SEP 20 2016



## SHIP TO:

A M CASTLE & CO  
14001 ORANGE AVE  
P.O. BOX 1402  
PARAMOUNT, CA 90723

# KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215

Phone: (800) 367-2586

## SOLD TO:

AM CASTLE & CO- SOLD TO  
1420 KENSINGTON RD  
SUITE 220  
OAK BROOK, IL 60523

## CERTIFIED TEST REPORT

Serial Number

4409422

CUSTOMER PO NUMBER: 364404		WORK PACKAGE:		CUSTOMER PART NUMBER: 750616		SHIP RUN/LOAD: 103486/1		GOV'T CONTRACT NUMBER:		
KAISER ORDER NO: 1206497		LINE ITEM: 1	SHIP DATE: 27-FEB-2016		ALLOY: 7075	CLAD: BARE	TEMPER: T651	PRODUCT DESCRIPTION: KaiserSelect Plate		
WEIGHT SHIPPED: 8674 LB		QUANTITY: 6 PCS EST.		TRUCK B/L #: 2058871		GAUGE: 2.0000 IN (50.8000 MM)		DIAMETER/WIDTH: 48.500 IN (1231.9 MM)		LENGTH: 144.500 IN (3670.3 MM)

MHU 1973773: LOT 783765A1: 1 pieces;

MHU 1977386: LOT 784293A3: 3 pieces;

MHU 1977387: LOT 784293A3: 2 pieces;

DAS

16

D-20

12/10/22

## Certified Specifications

AMS 4045/RevK  
ASTM B 209/Rev14  
BSS 7055/RevB  
DPS 4.713/RevAK  
PS 21211/RevP

AMS-QQ-A-250/12/RevA  
ASTM B 594/Rev13  
CMMP 025/RevU  
GAMPS 9101/RevB/AmdSCN1

AMS-STD-2154/RevA  
BAC 5439/RevJ  
CSTI 006/RevE  
GSS16100/RevG/Amd1

Test Code: 1512

## Test Results

Lot: 783765A1

Cast 144

Drop 03

Ingot 2

Parent Lot: 169255B7 Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T651	LT / 2 (Min:Max)	82.0 : 82.1 (565 : 566)	73.0 : 73.1 (503 : 504)	12.4 : 12.6

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.08	0.20	1.5	0.03	2.5	0.20	5.7	0.03	0.01	0.01	TOT 0.05



# KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4409422

Lot: 784293A3 Cast 140

Drop 28

Ingot 1

Parent Lot: 167598B2 Melted in USA

(ASTM E8/B557)  
(EN 2002-1)

Tensile:	Temper T651	Dir / # Tests LT / 2 (Min:Max)	Ultimate KSI (MPA) 81.9 : 81.9 (565 : 565)	Yield KSI (MPA) 72.7 : 73.0 (501 : 503)	Elongation % 12.9 : 13.0
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(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.07	0.18	1.4	0.02	2.5	0.20	5.8	0.03	0.01	0.01	TOT 0.05

### ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
7075												
MIN(wt%)	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT	0.15

Aluminum Remainder

### ORDER COMMENTS

AMC CA-15403A R 7  
AMS 4045, AMS QQ-A-250/12, AMS STD-2154, A  
STM B209, ASTM B594, BS  
S 7055, CMMP 025, CSTI 006, DPS 4.713, GAMP  
S 9101, PS 21211

### TEST NOTES

Metal represented by this test report was 100% Type I  
(immersion) ultrasonically tested from one side with 3mm  
dead zones top and bottom and meets the Class A and Class B  
requirements of all specifications referenced on this test  
report. No surface marking of sonic indications is  
performed.

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser), is ISO 9001:2008/AS9100C certified and hereby certifies that all material shipped under this order:  
\* has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements.  
\* was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.  
\* has been thermally processed in compliance with AMS 2772, where applicable.  
\* is mercury free, within the limits of detection of ASTM E1251 (< = 1ppm).  
\* is in compliance with RoHS 2, European Union Directive 2011/65/EU.  
\* is in compliance with and regularly monitors any updates to the European Chemical Agency, ECHA, REACH regulations, (EC) n°1907/2006.  
\* is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.  
Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

*James Hemmenway*

JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL M7075 T6 B7.000X2.000  
DATE 16/09/22

PO - BATCH NO 33489/135725

MATERIAL CERTIFIED yes  
QUANTITY RECEIVED 13.3785  
QUANTITY INSPECTED 13.3785  
QUANTITY REJECTED \_\_\_\_\_

THICKNESS ORDERED 2.000  
THICKNESS RECEIVED 2.035  
SHEET SIZE ORDERED \_\_\_\_\_  
SHEET SIZE RECEIVED \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2.035
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	HEAT# 78429343
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M7075 T6 B7.000X2.000
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M135725
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK  
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS - DUROMETER READING				

*testers located in the Quality Office*

**QC 18 INSPECTION** **ENGINEERING SIGNOFF (if required)**

INSPECTED BY DAS  
DATE 16/09/22

SIGNED OFF BY \_\_\_\_\_  
DATE \_\_\_\_\_

Attach this inspection sheet with the corresponding material cert and send to be scanned and received in



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO33489**

Purchase Order Date 8/31/2016

PO Print Date 8/31/2016

Page Number 1 of 3

**Order From :**

VU-MET002

METAUX CASTLE  
P.O. BOX 4090 STN A  
TORONTO, ONTARIO M5W OE9  
CANADA

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**E-MAILED**

**AUG 31 2016**

**Contact Name**

**Vendor Phone**

**Ship To Contact**

**Ship To Phone**

**Ship Via:**

Yours ppd

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 30

**Currency**

USD

**FOB**

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M174B1.500X02.250 ✓	17-4 SS Bar 1.50 X2.250	9/16/2016 Yes 9/16/2016		12.00 f ✓	\$87.21	\$1,046.52
MATERIAL: 17-4 PH SS BAR AS PER AMS 5604 / 5643 GRAIN DIRECTION MUST BE ALONG LENGHT							
<b>Line Total:</b>							<b>\$1,046.52</b>
2	M7075T6B5.000X0.375 ✓	7075-T6 BAR 5.000" X 0.375"	9/16/2016 Yes 9/16/2016		12.00 f ✓	\$19.83	\$238.00
MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE							
<b>Line Total:</b>							<b>\$238.00</b>

8/16-9-19

**Note:**

8/31/2016



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO33489**

Purchase Order Date 8/31/2016

PO Print Date 8/31/2016

Page Number 2 of 3

**Order From :**

VU-MET002

**Ship To :** DART AEROSPACE LTD

METAUX CASTLE  
P.O. BOX 4090 STN A  
TORONTO, ONTARIO M5W OE9  
CANADA

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

Yours ppd

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

Destination-Collect

3	M7075T6B7.000X2.000	7075-T6 BAR 7.000" X 2.000" (order in billets - 13.375")	9/16/2016	13.38	\$81.62	\$1,092.00
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Yes

f

9/16/2016

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

NOTE: CUT 12 PCS AT 13.375", GRAIN DIRECTION ALONG 13.375"

SP16-9-21

4	M7075T73B2.500X03.25	7075-T73 Bar 2.50 x 3.25	9/16/2016	4.00	\$74.00	\$296.00
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Yes

f

9/16/2016

MATREIAL: 7075-T73 OR 7075-T7351/T73510/T73511  
BAR AS PER AMS-QQ-A-200/11 PR AMS-QQ-A-225/9  
OR AMS 4124 OR AMS-QQ-A-250/12 AMS 4078

Line Total: \$1,092.00

Line Total: \$296.00

SP16-9-19

Note:

8/31/2016





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO33489**

Purchase Order Date 8/31/2016

PO Print Date 8/31/2016

Page Number 3 of 3

**Order From :**

METAUX CASTLE  
P.O. BOX 4090 STN A  
TORONTO, ONTARIO M5W OE9  
CANADA

VU-MET002

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

Destination-Collect

5	14000-00	PROCUREMENT QUALITY CLAUSES	9/16/2016	1.00	✓	\$0.00	\$0.00
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No

9/16/2016

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

8/16-9-21

Line Total: \$0.00

PO Total: \$2,672.52

CL

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr: 1

Change Date: 8/31/2016